

556134

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
25 November 2004 (25.11.2004)

PCT

(10) International Publication Number  
**WO 2004/100899 A2**

- (51) International Patent Classification<sup>7</sup>: **A61K**
- (21) International Application Number:  
PCT/US2004/015282
- (22) International Filing Date: 13 May 2004 (13.05.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/470,177 13 May 2003 (13.05.2003) US
- (71) Applicant (for all designated States except US): **THE MCLEAN HOSPITAL CORPORATION** [US/US]; 115 Mill Street, Belmont, MA 02478 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **YURGELUN-TODD, Deborah, A.** [US/US]; 29 Robinson Drive, Bedford, MA 01730 (US). **RENSHAW, Perry, F.** [US/US]; 29 Robinson Drive, Bedford, MA 01730 (US).
- (74) Agent: **ELBING, Karen, L., Ph.D.**; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**  
— without international search report and to be republished upon receipt of that report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*



**WO 2004/100899 A2**

(54) Title: USE OF SECRETIN IN TREATMENTS OF DISORDERS ASSOCIATED WITH THE AMYGDALA

(57) Abstract: In general, the present invention provides methods for treating disorders associated with the amygdala. The methods of treatment are based on the administration of a therapeutically effective amount of secretin to an individual suffering from a disorder associated with the amygdala, e.g., bipolar disorder or a substance use disorder.